



## RECRUITMENT BULLETIN

**USACE Mobile District, Engineering Division  
Civil Engineer; GS-0819-05/07  
Promotion Potential = GS-12  
Duty location: Mobile, AL**

**Date Opened: February 8, 2022**

**Date Closed: February 22, 2022**

**Annual Salary:**      **GS-05: \$40,407 - \$49,731**  
                                 **GS-07: \$50,050 - \$61,597**

**\*\*This employment opportunity is being completed under the Direct Hire Authority for Post-Secondary Students and Recent Graduates.\*\***

### **About the Position:**

The incumbent performs duties of a developmental nature as a trainee in environmental engineering. Serves as a junior level support engineer requiring a basic working knowledge and application of governing regulatory, procedural, and policy guidance and professional knowledge of engineering. The incumbent will serve as an Environmental Engineer whose primary duties are typically focused on the evaluations and analysis of data related to military and civil works facilities civil engineering systems.

**\*Type of position:** Full-Time, Permanent Position.

This position has promotion potential to the GS-12 grade. If selected below the full performance level, incumbent may be noncompetitively promoted to the next higher grade level after meeting all regulatory requirements, and upon recommendation of management. Promotion is neither implied nor guaranteed.

### **Duties of the Position:**

- At the full performance level, GS-12, duties may include the following:
- Provides and reviews design analyses, drawings and specifications prepared by A-E's for water supply, distribution systems, and treatment plants.

- Prepares reports and recommendations of required changes in drawings and specifications, after study of basic engineering data submitted by A-E's to insure most efficient and economical design of facilities.
- Evaluates design and construction objectives, identifies most economical and efficient procedures for designs, renovations, and new construction.
- Provides input for cost and value engineering activities.
- Consults with government engineers, legal personnel, A-E's, state officials and others to resolve difficult and unforeseen problems and latent conditions developing during design or construction pertaining to water and wastewater.
- Performs field investigations and tests on facilities to obtain basic data for proper design to meet existing operating conditions.
- Serve As a Project Technical Lead (TL) and shall ensure proper project scope definition and schedule, concisely define project requirements, and establish clear and accurate criteria, and document guidance and direction for design teams.
- Meet with contractors, manufacturers' representatives, and Government agency representatives to establish materials and test.
- Evaluate technical data pertaining to design, materials, equipment, and shop drawings, proposals for modifications and additions, and methods of installation submitted by contractors.

**Who May Apply:** To be eligible for consideration you must meet the definition of Recent Graduate as defined below:

**Recent Graduate:** A person who was awarded a degree by an institution of higher education not more than two years before the date of the appointment of the applicant. Exception: For a person who has completed a period of obligated service in a uniformed service of more than four years, the degree may be awarded by an institution of higher education not more than four years before the date of the appointment of the applicant.

In order to qualify, you must meet the education or experience requirements described below. Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations (e.g., professional; philanthropic; religious; spiritual; community; student; social). You will receive credit for all qualifying experience, including volunteer experience. Your resume must clearly describe your relevant education and experience.

### **Individual Occupational Requirements for all Professional Engineering Series Positions:**

**A. Degree:** Bachelor's degree (or higher degree) in engineering. (NOTE: Transcripts must be submitted.) To be acceptable, the program must: (1) lead to a bachelor's degree (or higher degree) in a school of engineering with at least one program accredited by the Accreditation Board for Engineering and Technology (ABET); OR (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials

(stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

**OR**

**B. Combination of Education and Experience:** College-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:

1. Professional registration or licensure - Current registration as an Engineer Intern (EI), Engineer in Training (EIT), or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions.
2. Written Test - Evidence of having successfully passed the Fundamentals of Engineering (FE) examination, or any other written test required for professional registration, by an engineering licensure board in the various States, the District of Columbia, Guam, or Puerto Rico.
3. Specified academic courses - Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in A above. The courses must be fully acceptable toward meeting the requirements of an engineering program.
4. Related curriculum - Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions.

**Minimum Qualifications for the GS-05, Environmental Engineer:**

Applicants who meet the basic requirements described in the individual occupational requirements are fully qualified for the specified entry grade (GS-5).

**In addition to meeting the individual occupational requirements above, to qualify for the GS-810-07 position you must also meet one of the four (4) following qualification requirements listed below:**

**Minimum Qualifications for the GS-07, Environmental Engineer:**

**Specialized Experience:** One year of specialized experience which includes 1.) Assists in

preparation of cost estimates; 2.) Gather and analyze data for engineering reports; and/or 3) Assists in creating design studies, sketches and drawing for specific jobs.

This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

**Education:** One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position,

OR

**Superior Academic Achievement.** In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR

(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsnatl.org/>).

OR

**Combination of Education and Experience:** A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.

- **Multiple vacancies may be filled under this bulletin.**

### **Conditions of Employment for Environmental Engineer, GS-0819**

- TDY 25 % of the time. TDY will eventually include OCONUS travel.
- The following Conditions of Employment are applicable to the GS-12 Environmental Engineer position only:
  - Contracting Officer Representative Certification is required to be obtained within 24 months of appointment.
  - Current registration as a Professional Engineer is Required.

- Incumbent is required to submit a Financial Disclosure Statement, OGE-450 upon entering the position and annually, in accordance with DoD Directive 5500-7-R, Joint Ethics Regulation, dated 17-Nov-2011.

Please note, this position requires the selectee to have completed a degree program within the last 2 years to be eligible. If the applicant will graduate within the next 9 months, he or she can be selected but CANNOT start until completion of the requirements for the degree are met.

Recent Graduates will be appointed to a permanent, career or career-conditional appointment in the competitive service.

Applicants may be selected at any grade level with non-competitive promotion potential to target grade. Non-competitive promotion potential to the target grade is based on time-in-grade requirements and demonstrated ability to perform the higher graded duties.

The following special programs/incentives may be offered if it is in the best interest of the government:

- Student Loan repayment
- Advanced in-hire (offered to new to federal service employees only)
- Advanced Leave Accrual (offered to new to federal service employees only)
- Permanent Change of Station entitlement (PCS)
- Relocation/Recruitment Incentives

**NOTE:** You must submit your unofficial transcripts with your resume for this employment opportunity. If selected, official transcripts are REQUIRED to be submitted.

**How to Apply:** Resumes and unofficial transcripts must be received by 11:59 pm, February 22, 2022. Please include detailed information about your experience in your resume and submit your unofficial transcripts. Specifically, follow the format as provided under USAJOBS, Resume builder that provides hours per week, complete from and to dates for positions held, etc. This position has a positive education requirement. Transcripts must be submitted showing degree conferred.

E-mail complete resumes and transcripts to: Antonia Ortiz at [Antonia.S.Ortiz@usace.army.mil](mailto:Antonia.S.Ortiz@usace.army.mil)

**Do not send resumes with photos or PII (Personally Identifiable Information) as this will result in not receiving consideration.**